

## PATENT APPLICATION

Sheet 1 of 1

1/1/03  
FORM PTO-1449LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
200300074		
APPLICANT		
Xiao-An Zhang		
FILING DATE	GROUP	
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## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
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## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Maki-Ontto, Rikka, "Flow and Conductivity Properties of Comb-Shpaed Self-Organized Supramolecules," Dissertation, Helsinki University of Technology, Presented 23 November 2001, 36 pp.
1R	Chambron, Jean-Claude, et al., "Rotaxanes and Other Transition Metal-Assembled Porphyrin Arrays for Long-Range Photoinduced Charge Separation", Coordination Chemistry Reviews, Vols. 178-180, 1998, pp. 1299-1312.
1S	Lehn, Jean-Marie, "Supramolecular Chemistry-Scope and Perspectives Molecules-Super molecules-Molecular Devices", Nobel Lecture, Paris, 8 December 1987.

EXAMINER

*D. Rode*

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**PATENT APPLICATION**

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FORM PTO-1449	ATTY. DOCKET NO. <b>200300074</b>	APPLICATION NO.	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT <b>Xiao-An Zhang</b>	
(Use several sheets if necessary)		FILING DATE <b>Filed Herein</b>	GROUP

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**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

MR	2Q	Aviram, Arieh and Mark A. Ratner, "Molecular Rectifiers", Chemical Physics Letters, Vol. 29, No. 2, 15 November 1974, pp. 277-283.
MR	2R	Lehn, Jean-Marie, Design of Organic Complexing Agents, Strategies Towards Properties, Institut de Chimie, Université Louis Pasteur, Strasbourg, France, pp. 1-69.
MR	2S	Keuhl, Christopher J., et al., "Self-Assembly of Molecular Prisms via an Organometallic 'Clip'", Organic Letters, Vol. 4, No. 6, pp. 913-915.

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## PATENT APPLICATION

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	APPLICANT <b>Xiao-An Zhang</b>		
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<i>ETR</i>	3Q	Seto, Christopher T., et al., "Molecular Self-Assembly Through Hydrogen Bonding: Aggregation of Five Molecules to Form a Discrete Supramolecular Structure", Journal of American Chemical Society, Vol. 115, 1993, pp. 1321-1329.
<i>JHR</i>	3R	Jeong, Kyu-Sung, et al., "Assembly and Binding Properties of Osmate Ester-Bridged Binuclear Macrocycles", Journal of Organic Chemistry, Vol. 64, 1999, pp. 9459-9466.
	3S	

EXAMINER

*J. Rinde*

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ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
200300074-1	10/614,855	9152
APPLICANT		
XIAO-AN ZHANG ET AL		
FILING DATE	GROUP	
7/7/2003	2823	

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LIST OF PATENTS AND PUBLICATIONS FOR  
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STATEMENT

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(Use several sheets if necessary)

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
JK	1A 6,947,205	9/20/2005	Zhang et al	
	1B 6,556,470	4/29/2003	Vincent et al	
	1C 6,731,532	5/4/2004	Vincent et al	
	1D 6,876,570	4/5/2005	Vincent et al	
	1E 6,822,893	11/23/2004	Vincent et al	
	1F 6,853,577	2/8/2005	Vincent et al	
	1G 6,809,956	10/26/2004	Vincent et al	
	1H 6,674,932	1/6/2004	Zhang et al	
	1I 6,701,035	3/2/2004	Zhang et al	
	1J 6,763,158	7/13/2004	Zhang et al	
JK	1K 6,888,978	5/3/2005	Zhang et al	

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FORM PTO-1449		ATTY. DOCKET NO. 200300074-1	APPLICATION NO. 10/614,855	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		APPLICANT XIAO-AN ZHANG ET AL		
		FILING DATE 7/7/2003	GROUP 2823	

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
2A	6,920,260	7/19/2005	Zhang et al	
2B	6,805,817	10/19/2004	Zhang et al	
2C	6,937,357	8/30/2005	Vincent et al	
2D	6,850,230	2/1/2005	Vincent et al	
2E	6,940,497	9/6/2005	Vincent et al	
2F	6,806,453	10/19/2004	Vincent et al	
2G	6,670,981	12/30/03	Vincent et al	
2H	6,815,706	11/9/2004	Li et al	
2I	6,763,158	7/13/04	Zhang et al	
2J	6,867,427	3/15/04	Zhang et al	
2K	6,751,365	6/15/04	Zhang et al	

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FORM PTO-1449	ATTY. DOCKET NO. <b>200300074-1</b>	APPLICATION NO. <b>10/614,855</b>	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT <b>XIAO-AN ZHANG ET AL</b>	
(Use several sheets if necessary)	FILING DATE <b>7/7/2003</b>	GROUP <b>2823</b>	

### REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	3A 6,853,478	2/8/2005	Vincent et al	
	3B 6,795,230	9/21/2004	Vincent et al	
	3C 6,942,312	9/13/2005	Leung et al	
	3D 6,512,119	1/28/2003	Bratkovski et al	
	3E 6,624,002	9/23/2003	Bratkovski et al	
	3F 5,866,284	2/2/1999	Vincent	
	3G 6,045,955	4/4/2000	Vincent	
	3H 6,663,797	12/16/2003	Bratkovski et al	
	3I 6,757,457	6/29/2004	Zhang et al	
	3J 6,778,165	8/17/2004	Hubby et al	
	3K 6,934,424	8/23/2005	Zhang et al	

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A graph showing a function with three horizontal asymptotes. The top asymptote is labeled  $3Q$ , the middle is  $3R$ , and the bottom is  $3S$ . The function consists of two branches. The left branch is a curve that starts from the bottom left, goes up to the right, and then turns back to the left, approaching the  $3S$  asymptote from above. The right branch is a curve that starts from the bottom right, goes up to the left, and then turns back to the right, approaching the  $3R$  asymptote from below.

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	XIAO-AN ZHANG ET AL		
FILING DATE	GROUP		
7/7/2003	2823		

## REFERENCE DESIGNATION      U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
<i>JR</i>	4A 2003-0071780	4/17/2003	Vincent et al	
<i>JR</i>	4B 2004-0095309	5/20/2004	Vincent et al	
<i>JR</i>	4C 2002-0176276	11/29/2002	Zhang et al	
<i>JR</i>	4D 2004-0080804	4/29/2004	Vincent et al	
<i>JR</i>	4E 2003-0194630	10/16/2003	Beck et al	
<i>JR</i>	4F 2004-0122233	6/24/2004	Beck et al	
<i>JR</i>	4G 2004-0084661	5/6/2004	Zhang et al	
<i>JR</i>	4H 2005-0006640	1/13/2005	Jackson et al	
<i>JR</i>	4I 2005-0194526	9/8/2005	Zhou et al	
<i>JR</i>	4J 2005-0040417	2/24/2005	Li et al	
<i>JR</i>	4K 2004-0041799	3/4/2004	Vincent et al	

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FORM PTO-1449		ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
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(Use several sheets if necessary)		APPLICANT	XIAO-AN ZHANG ET AL	
		FILING DATE	GROUP	
		7/7/2003	2823	

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EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
5A	2005-0084204	4/21/2005	Zhou et al	
5B	2005-0052983	3/10/2005	Vincent et al	
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